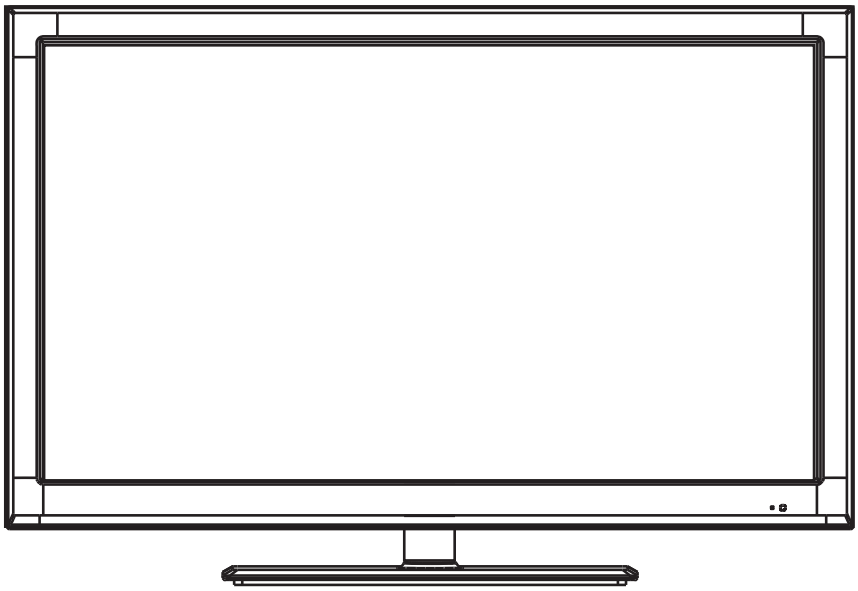
TEAC

LEBD4220FHD3D
EDGE-LIT LED LCD 3D TV



“ For Optimum picture and sound quality, please use TEAC Audio/Video cables ”

TEAC High Performance Audio/Video cables and connectors have been designed to enhance your home entertainment experience.

USER MANUAL

IMPORTANT !

WARRANTY INFORMATION INSIDE. PLEASE READ

Trademark of TEAC Corporation JAPAN

TEAC WARRANTY PROCEDURE

Please read the owner's manual carefully and ensure that you have followed the correct installation and operating procedures.

1. Please read this warranty card.
2. Keep your purchase receipt to enable you to proceed quickly in the event of a Warranty Service.
3. If you require Warranty Service, please contact the TEAC Customer Support Hotline at 1300 553 315 for assistance. Please ensure that you have the model number, serial number and purchase receipt ready when you call.

Please complete the section below and keep this information for your own records.

Owner's Name

Owner's Address

Postcode

Model Name/No. Serial No.

Dealer's Name

Dealer's Address

Postcode

Authorised Service Centres in Major Australian Cities

NSW
151 Arthur Street
Homebush West, NSW 2140

Queensland
Unit 1, 320 Curtin Ave West
Eagle Farm, QLD 4009

Western Australia
Unit 2, 50 Pilbara Street
Welshpool, WA 6106

South Australia
11 McInnes Street
Ridleyton, SA 5008

Victoria
282 Normanby Road
South Melbourne, VIC 3205

Thank you for selecting a TEAC product.

If you should require assistance with your product regarding its setup or operation, or if you believe it is faulty, please first call us at the

TEAC Customer Support Hotline

1300 553 315

teacservicesupport@awa.com.au

www.teac.com.au

before returning the product to the store where you purchased it.

In many cases, our Hotline has been able to solve suspected faults over the phone.

TEAC WARRANTY INFORMATION

Our goods come with guarantees that cannot be excluded under the Australian Consumer Law. You are entitled to a replacement or refund for a major failure and for compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure.

Warranty Terms & Conditions

1. TEAC warrants that this product is free from defects in material and workmanship under normal domestic use with reasonable care and skill. Maintenance and cleaning (i.e. laser head) is not covered by this warranty. The TEAC warranty only applies to TEAC products purchased, used and serviced in Australia.

2. The benefits to the consumer given by this Warranty are in addition to other rights and remedies of the consumer under a law in relation to goods or services to which the warranty relates, being the Australian Consumer Law.

3. Refund or replacement via your retailer is available for a period of 14 days after purchase for goods that have been inspected and determined to have a major failure. Refund and exchange is not applicable for change of mind.

4. Subject to the terms herein, this warranty effectively covers the equipment as specified in the Warranty Periods Table below from the date of purchase.

TEAC PRODUCT	WARRANTY PERIOD
LED/LCD TV 42" (106 cm) and above	1 Year (In-Home Service/ Pick up Available)*
LED/LCD TV 32" (80 cm) and above	1 Year (Carry-in Service)
All other TEAC products	1 Year (Carry-in Service)

5. In Home Service/Pick up* Service

   This service will only be provided as part of this warranty if all the following conditions are met;
   a) The product is indicated in the Warranty Period Table.
   b) The product is within the warranty period.
   c) The product is located within the normal service area of the local TEAC Authorised Service Centre.

   If TEAC determines that the product is not repairable on site, TEAC can complete the repair by taking the product to a TEAC Authorised Service Centre.

   Carry-in Service

   Where In-Home service/Pick up* is not available, the purchaser is required to send the product to the nearest TEAC Authorised Service Centre for repair. In this event, proof of purchase is required to support a warranty claim. After the repair, the product will be available for collection by or return to the purchaser at a fee upon request. TEAC in-home service can be made available at a fee upon request.

6. A 12-month replacement warranty is applicable to all Accessories such as Remote, Power Adaptors and Cables.

7. TEAC will ensure to the best of its abilities that all required parts are made available for any required service/repair.

8. TEAC Australia Pty Ltd and its Authorised Service Centres will use their best endeavours to complete product repairs within a reasonable period based on available resources and workload during the time when service is requested and performed.

9. Refurbished parts may be used to repair the product. In the case of a replacement, the product may be replaced, with a refurbished unit of the same type or, if one is unavailable, a similar refurbished model with equal or better features & specifications.

10. Please be advised that if the product presented for repair is capable of retaining user-generated data, the data may be lost during servicing. Customers are strongly encouraged to back up all important information/data before sending the product in for service/repair.

11. Service will be provided only during normal business hours and under safety conditions and circumstances. TEAC and its authorised service agents can refuse any repair if safety, in relation to OH&S, becomes a concern to its staff or authorised service agents' personnel.

12. The warranty is void and warranty claims may be refused, subject to the Australian Consumer Law, if:
    a) The product was not transported, installed, operated or maintained according to manufacturer instruction, or
    b) The product was abused, damaged, tampered, altered or repaired by any unauthorised persons, or
    c) Product failure is due to accidents during use, installation or transit, power surges, use of defective or incompatible external devices, exposure to abnormal conditions such as excessive temperatures or humidity, or entry of liquids, objects or creatures into the product.

13. No one is authorised to assume any liability on behalf of TEAC or impose any obligation on it, in connection with the sale of any equipment other than as stated in this warranty and outlined above.

14. TEAC reserves the right to inspect and verify whether the product is exhibiting a major failure as claimed by customers/retailers.

15. LCD dead pixel policy, please contact TEAC Customer Support Hotline on 1300 553 315 for assistance.

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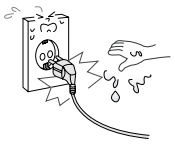
1. SAFETY PRECAUTIONS

1.1 Power Supply

Warnings

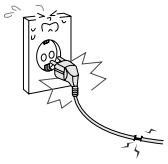
DO NOT touch the power plug with wet hands.

• Doing so may result in electric shock.



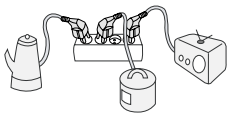
DO NOT use a damaged power cord or plug or a loose outlet.

• Doing so may result in fire or electric shock.



DO NOT plug several devices into the same outlet.

• A congested outlet may cause the outlet to overheat and start a fire.

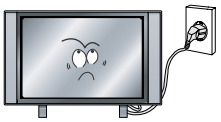


Insert the power plug fully into the outlet.

• A loose or improperly inserted power plug may result in fire.

DO NOT bend the power cord excessively or place heavy objects on it.

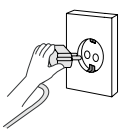
• Doing so may result in fire or electric shock.



Cautions

When disconnecting the power cord from an AC outlet, always grasp it by the plug.

• Pulling on the cord can damage the internal wire and may result in a fire.



Always unplug the unit before cleaning.

• Not doing so may result in fire or electric shock.

The purpose of these precautions is to ensure user safety and prevent property damage.
Be sure to read and observe all safety precautions.

It is the responsibility of the user to make sure all precautions and warnings are heeded and followed.

1. SAFETY PRECAUTIONS

1.2 Installation

Warnings

DO NOT place containers with liquids such as vases, drink cans, bottles or small metallic objects on top of the unit.

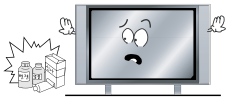
• If liquid enters the unit or any metal object falls into the unit, it may result in a short circuit, fire, or electric shock.

DO NOT place the unit where it is exposed to rain, excessive moisture or grease.

• Doing so may result in fire, electric shock, malfunction, or deformation.

DO NOT use or store flammable or combustible materials near the unit.

• Doing so may result in fire or explosion.

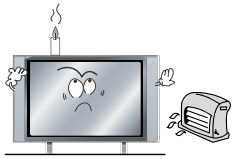


DO NOT place the unit on an unstable surface, such as a sloped table, or any stand with a contact area smaller than the bottom surface of the unit stand.

• Placing the unit on a flat stable surface can prevent accidents from happening. Ignoring this precaution may result in the unit toppling over and causing injury.
.

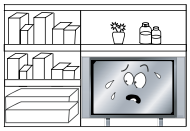
DO NOT place a burning candle, burning incense, or lighted cigarette on top of the unit.
DO NOT place the unit near any heat source such as a fire-place or space heater.

• Doing so poses a serious risk of overheating and a possible fire outbreak.



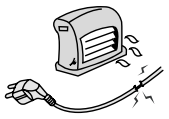
DO NOT place the unit in a poorly ventilated enclosure, such as a cabinet.

• Doing so poses a serious risk of overheating and a possible fire outbreak.

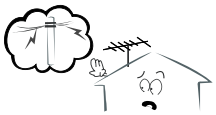


DO NOT run power cords near heat-producing appliances such as radiators, stoves, or irons.

• The excessive heat can melt the insulation and expose live wires, resulting in fire or electric shock.

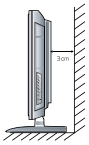


Install the antenna away from high-voltage power lines and communication cables. Make sure it is installed securely.
• If the antenna touches a power line, contact with the antenna may result in fire, electric shock, or serious injury.

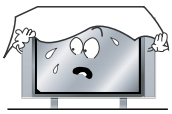


Cautions

Install the unit at an adequate distance from the wall to ensure sufficient ventilation.
Insufficient ventilation may result in the unit overheating, which may cause a possible fire outbreak.



Do not cover the unit with a tablecloth, curtain, or other material.
• Insufficient ventilation may result in the unit overheating, which may cause a possible fire outbreak.



Be sure to place the unit on a level surface.

● **The following precautions are divided into "Warnings" and "Cautions".**

⚠ Disconnect this device from power by turning the power off at the AC power outlet and unplugging the AC plug.
⚠ Warning : Ignoring this precaution may result in death or serious injury.
⚠ Caution : Ignoring this precaution may result in injury or property damage.

1. SAFETY PRECAUTIONS

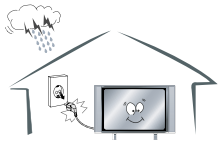
1.3 Use and Maintenance

Although the LCD screen is made with high-precision technology and 99.99% or more of the pixels are effective, black dots may appear or bright points of light (red, blue, or green) may appear constantly on the LCD screen. This is a property of the LCD screen and is not a malfunction.

Warnings

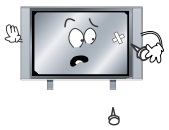
Disconnect the power cord from the power source during a thunderstorm.

• Not doing so may result in fire or electric shock.



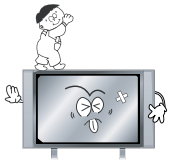
DO NOT insert any metal objects, such as a screwdriver, paper clip, or a bent wire into the ventilation openings or A/V terminals.

• Doing so poses a serious risk of fire or electric shock.



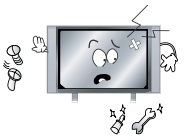
DO NOT allow children to climb onto the unit.

• The unit could topple over onto a child and result in serious injury.



DO NOT dismantle or modify the unit in any way. Do not attempt to service the unit yourself.

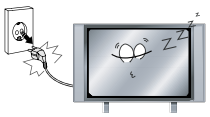
• Doing so may result in fire or electric shock. If the unit requires repair, contact the service center.



Cautions

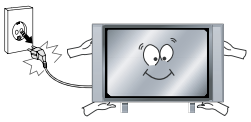
When not using the unit for long periods of time, disconnect the power cord from the wall outlet.

• If not cleaned, clogged dust particles at ventilation holes could cause the unit to heat up, and ignite when switched on, which may result in a fire outbreak.

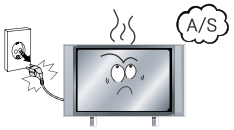


When moving the unit, be sure to turn off the unit and unplug the power cord from the wall outlet.

• Moving the unit with the power cord connected to the outlet may cause damage to the cord, resulting in fire or electric shock.



If you notice any unusual odors or smoke around the unit, immediately disconnect the unit from the outlet and contact the service center.
• Failure to do so may result in fire or electric shock.



⚠Warnings

When removing the batteries from the remote control, make sure children do not swallow them. Keep the batteries out of the reach of infants and children.

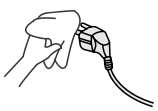
• If a child has swallowed a battery, seek medical attention immediately.

Always have two or more people at hand to lift or move the unit.

• If the unit is dropped, it could get damaged or otherwise cause injury.

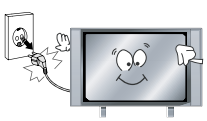
Wipe off any moisture, dirt, or dust on the power plug pins with a clean, dry cloth.

• Failure to do so may result in fire or electric shock.



Always turn off the unit and unplug the power cord when cleaning the unit. Use a soft dry cloth to clean the unit.

• Never clean with industrial strength polish, wax, benzene, paint thinner, air freshener, lubricant, detergent, or other such chemicals. Also, do not clean with a damp cloth.



Do not display still images and partially still images on the LED panel for more than 2 hours as it can cause screen image retention. This image retention is also known as “screen burn”. To avoid such image retention, reduce the degree of brightness and contrast of the screen when displaying a still image. Watching the LED TV in 4:3 format for a long period of time may leave traces of borders displayed on the left, right and centre of the screen caused by the difference of light emission on the screen. Playing a DVD or a game console may cause a similar effect to the screen. Damages caused by the above effect are not covered by the Warranty. Displaying still images from Video games and PC for longer than a certain period of time may produce partial after-images. To prevent this effect, reduce the ‘brightness’ and ‘contrast’ when displaying still images.

1. SAFETY PRECAUTIONS

1.4 Important safety Instructions

Warnings and Precautions

To prevent any injuries, the following safety precautions should be observed in the installation, use, servicing and maintenance of this device. Please read this manual carefully and keep it for future reference.

1. Read these instructions.
2. Keep these instructions.
3. Heed all warnings.
4. Follow all instructions.
5. Clean only with a dry cloth.
6. Do not block any of the ventilation openings. Install in accordance with the manufacturer's instructions.
7. Do not install near any heat sources such as radiators, heat registers, stoves or other devices (including amplifiers) that produce heat.
8. Do not defeat the purpose of the polarized or grounding type plug. A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding prong. The wide blade or the third prong is provided for your safety. If the provided plug does not fit into your power outlet, consult an electrician to replace the power socket.
9. Do not bend the power cord excessively. Prevent the cord from being walked on or pinched by weights placed on it.
10. Only use the attachments/accessories specified by the manufacturer.
11. Use only with a cart, stand, tripod, bracket or table specified by the manufacturer, or sold with the device. When a cart is used, use caution when moving the cart and device.

12. Unplug this apparatus during lightning storms or when unused for long periods of time.
13. Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way.

This symbol indicates that dangerous voltage instituting a risk of electric shock is present within this device.

This symbol indicates that there are important operation and maintenance instructions in the documentation accompanying this device.

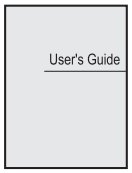
ⓘ **NOTE:**

- To prevent damage which may result in fire or hazards, do not expose the device to rain or liquids.
- Do not place objects containing liquids, such as vases on the device. If drinks and liquids have been spilled on the device, unplug the device from AC power immediately and contact the TEAC Customer Hotline for assistance.
- Servicing of this device should be conducted by qualified and certified TEAC service personnel.
- The manufacturer will not be held responsible for any damage caused by modifications done on the device without authorisation from the manufacturer's authorised service agent.

2. TV PLACEMENT SETUP

2.1 Accessories

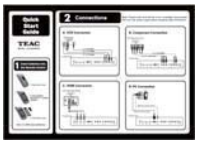
The appearance of the components may look different from the following figures.



User's Guide

Remote Control

2 x AA Batteries



Quick Start Guide

Contact Card

4 x Passive 3D Glasses

2.2 TV Stand/Wall Mounting Assembly

This TV comes ready to be set up with the provided TV stand. Alternatively, opt to mount the TV on the wall by obtaining a wall mount bracket and mounting eyebolts/screws (thread size M5 x 10) from your local hardware store. For best results, we recommend that wall mounting should be performed by a professional installer.

ⓘ **NOTE:**

- The TV should be levelled or angled directly at the viewer's eye.
- Allow a space of 10cm around the TV to reduce risk of overheating.
- The TV stand allows sideways turning of the TV to a limited degree. Do not force it to turn more than it can as you will damage the stand.

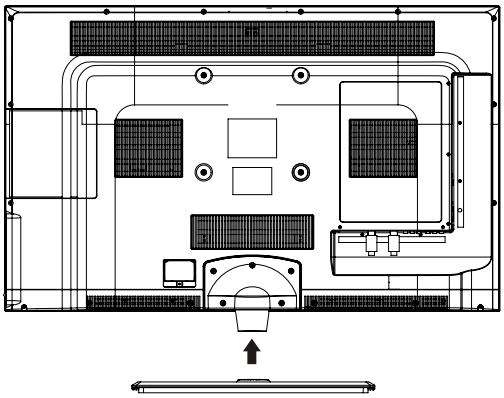
⚠ **CAUTION**

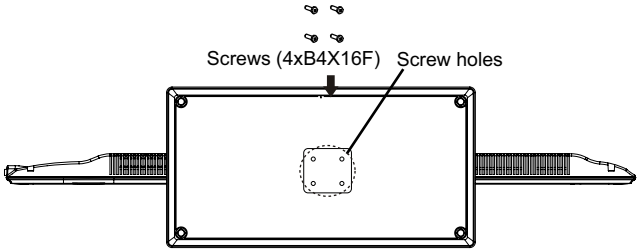
- Make sure the TV is completely disconnected and unplugged from power.
- To prevent damage to the TV screen, avoid touching or pressing on the screen with hands or objects at any time. Do not press on the front panel as it may damage the screen.
- To protect the TV from damage or scratching, only place the TV on a soft, flat surface like a table covered with a cotton towel or foam mat.
- Assembly, lifting and moving of the TV must be done by at least 2 people to prevent unit damage or physical injury from accidents.
- Ensure that all screws are tight and secure after assembly, so that the stand or mounting bracket is stable enough to prevent the TV from falling and causing personal injury or property damage.
- Make sure that the TV is not knocked or pulled down from its position. Prevent children and pets from playing with or climbing on the TV. If the TV falls, it may cause personal injury or property damage.
- If the TV stand or wall mounting bracket is damaged, do not use it to support the TV. Contact your dealer immediately.

2. TV PLACEMENT SETUP

TV Stand Installation/Removal

1. Place the unit face down on a soft surface.
2. Gently position the glass base to the leg at the bottom of the TV.
3. Fasten the 4 provided screws (screw size B4x16F) to secure the stand to the TV according to the diagram.
4. To remove the stand, reverse the steps above.

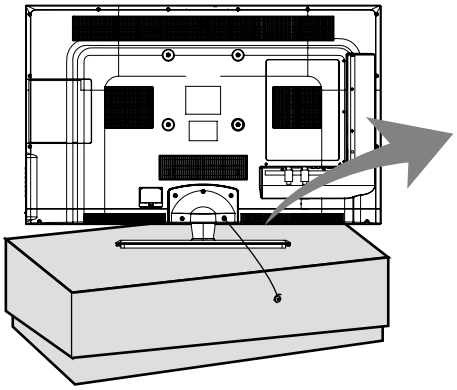


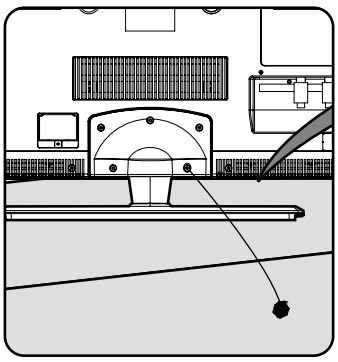


Fall Prevention

To prevent the TV from tilting forward and falling over to cause damage or injury, please secure the TV to your table or wall using screws or eyebolts and strong cord (not provided). An example on fixing the TV to a table is shown below

1. Install a wood screw or eyebolt into the table that is supporting the TV.
2. Fix a machine screw into a screw hole near the base in the back of the TV.
3. Tie the wood screw or eyebolt to the machine screw with a strong cord.



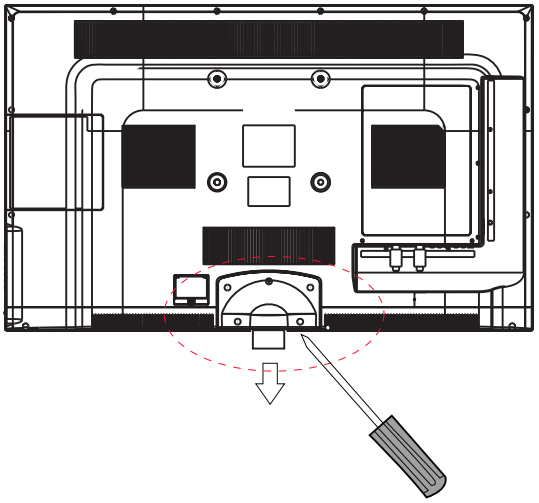


Alternatively, secure the TV to the wall directly behind it by fixing eyebolts to the wall and tying them to screws fixed on the centre of the TV back panel.

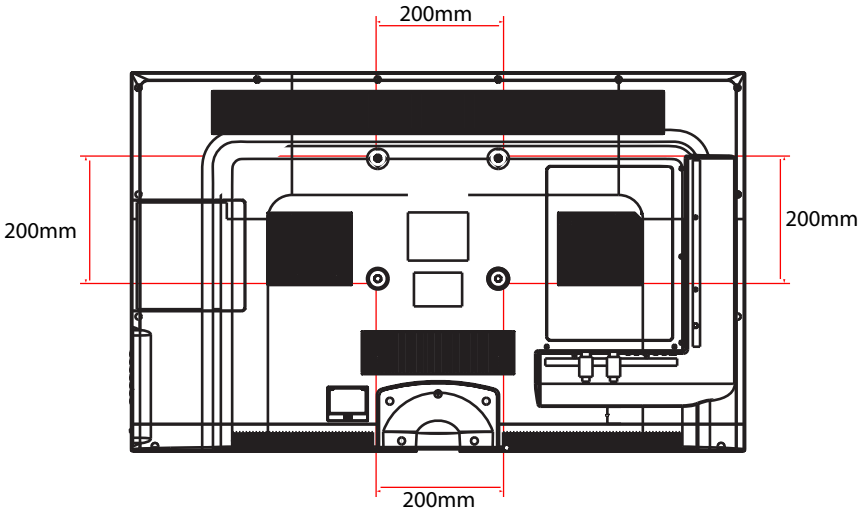
2. TV PLACEMENT SETUP

Wall Mounting

1. Ensure that the selected wall is made of appropriate material and can support the weight of the TV. Make sure there are no pipes or cables inside the wall on your chosen position.
2. Obtain a suitable wall mounting bracket and mounting eyebolts (thread size M5x10) and screws from your local hardware store.
3. Place the unit face down on a soft surface.
4. Remove the attached leg at the bottom of the TV by removing the 5 screws on the leg cover.
5. Refit the cover securely by replacing the 5 screws into their original positions.



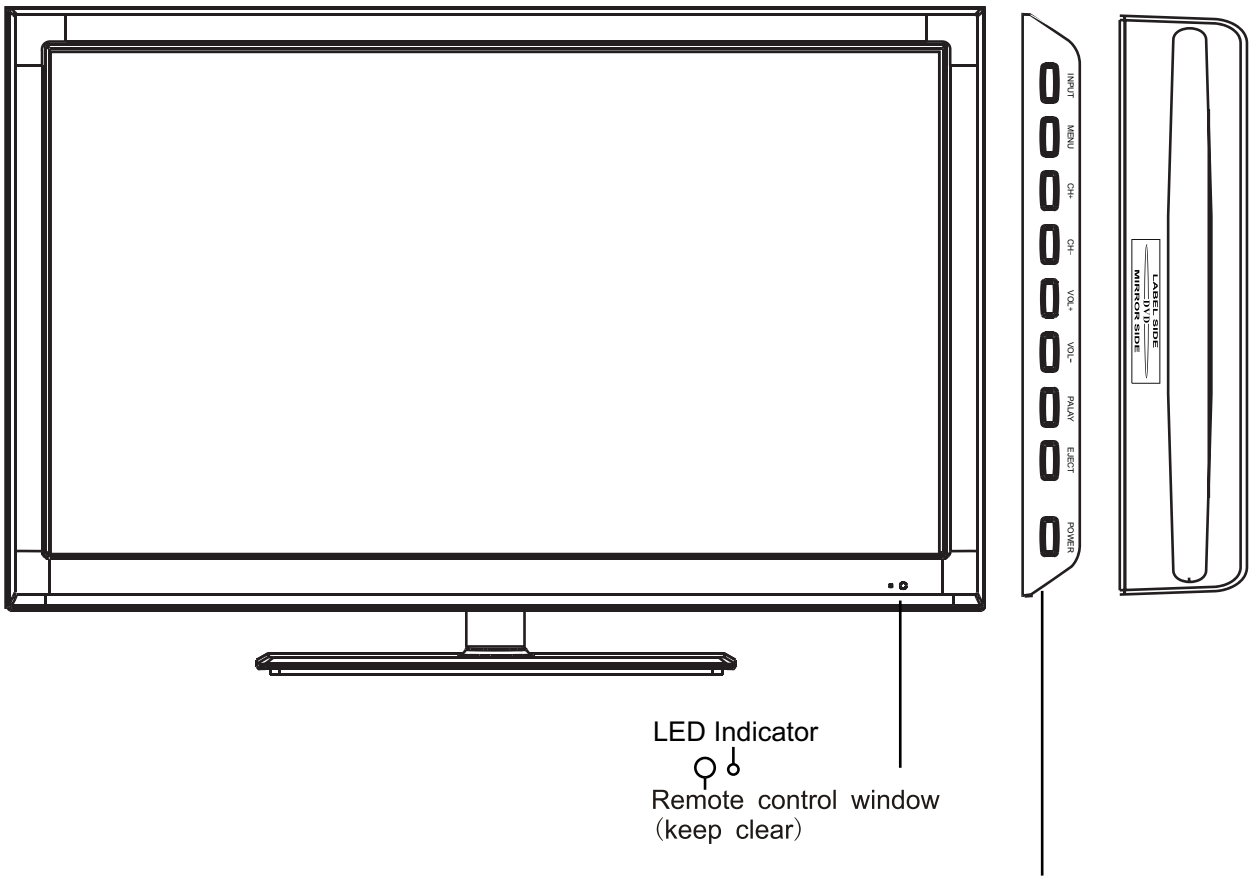
6. Fasten 4 eyebolts into the four screw holes on the TV's rear panel according to the diagram.
7. Fasten the wall mounting bracket using screws onto the wall.
8. Connect the eyebolts and the wall bracket securely with strong rope
9. Carefully check that all fastenings are secure before releasing the TV.



✧ **Thread hole size –M5 x 10 depth (TV Mounting Screw Size) on the TV.**

3. PARTS & CONNECTIONS

3.1 Front View



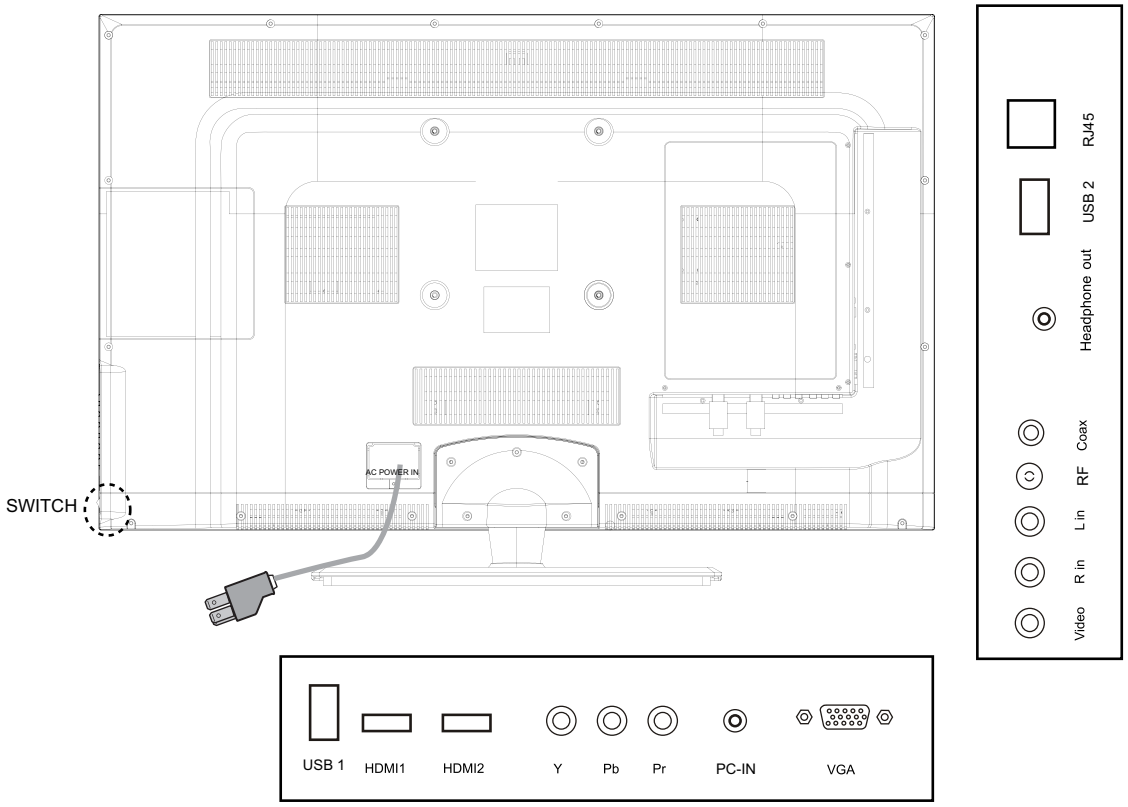
LED Indicator

Remote control window
(keep clear)

MENU: Display/exit the OSD menu.
CH+/-: Scan through channels.
VOL+/-: Adjust the volume.
INPUT: Display the input source menu.
PLAY: Play / Pause the disc playback.
EJECT: Eject the disc.
POWER: Turn on/standby the TV set.

3. PARTS & CONNECTIONS

3.2 Back View



Part Name	Function
Power Switch	Turn on/off the power supply
AC Power In	Connect to the AC power supply
USB 1	Connect to a USB storage device for DVR (Recording) in DTV Mode and USB Multimedia Playback in USB Mode
USB 2	**BD Mode only:** Connect to a USB storage device for BD Live downloads and multimedia playback
RJ45	**BD Mode only:** Connect an Ethernet cable from your modem or router for an Internet connection to use BD Live
HDMI 1/2	Connect to the HDMI socket of your DVD or satellite box
YPbPr	Connect to the component YPbPr output of external devices
PC IN	PC audio input
VGA	Connect to the PC VGA output to display PC graphics
Video	Connect to the composite video output of external devices
Audio L/R In	Audio signal input for AV (shared with YPbPr)
COAX	Digital output to AV receiver
Headphone	Connect to headphones
RF	Connect to antenna or cable source

⚠ CAUTION
- Make sure that the TV is completely disconnected and unplugged from power before making or changing cable connections.
- Make sure that the power output from your power source matches the power input labelled on the TV adapter.

4. INITIAL SETUP & INPUT SOURCES

4.1 Initial Power On

When the TV is turned on the first time out of the box or after a factory settings reset, it will prompt you to run auto channel tuning.

1. Connect the TV to your antenna wall socket using a coaxial TV cable.
2. After making sure all connections are secure, plug in the power cord and turn on AC power.
3. Press ⏻ on the remote control to turn on the TV.
4. The TV will initialise and prompt you to choose between Home Mode and Shop Mode. Home Mode is recommended for optimal energy saving. Choose with ◄ ► ▲ ▼ and press OK to proceed.
5. Next, a tuning menu will display. Adjust the settings with ◄ ► ▲ ▼ and press OK to start tuning.
6. After tuning is complete, the TV will display programmes from detected channels.

ⓘ NOTE: If no channels are detected, please check the connection and condition of your external antenna.

4.2 Selecting an Input Source

To play different media types and from any connected external device, change input sources to activate the desired connection.

1. Press INPUT to display the list of input sources.
2. Press ▲ ▼ to choose an input source.
3. Press OK to confirm.

DTV, USB and HDMI can also be accessed using the shortcut buttons DTV/USB and HDMI.

This TV starts in DTV mode by default when it is switched on for the first time. Subsequently, it will start in the most recently selected input mode.

ⓘ NOTE: Please make sure the device is connected before selecting the input source.

5. REMOTE CONTROL

The remote control uses Infrared signals. Point it at the Infrared sensor at the front of the TV.

ⓘ NOTE: The remote control may not work correctly if it is operated out of range or angle, of if there are objects blocking the signal.

5.1 Remote Control Buttons and Functions

POWER: Switch the TV on or off Standby mode.
DTV/USB: Switch to DTV/USB Mode.
3D: Access the 3D Setup Menu.
INPUT: Access the Input Source Menu.
HDMI: Cycle through HDMI Modes 1-2.
P MODE: Cycle through preset picture profiles.
S MODE: Cycle through preset sound profiles.
MEDIA CENTER: Switch to Blu-ray mode from other modes. While in Blu-ray mode, press to switch between disc playback and file/folder navigation.

DELETE: Delete files from the Recorded File List.
REC. LIST: Display the Recorded File List.
SCH.LIST: Display the Schedule List.
SCREEN: 1. While playing music, turn off/on the screen.
2. In HDMI Mode, change between Video and PC Modes.
3. In VGA Mode, auto-align the screen.

MENU: Switch the TV on or off Standby mode.
SUBTITLE: Choose from available subtitles.
AUDIO: Choose from available audio tracks.
EPG: Access the Electronic Programme Guide.
DISPLAY: Display detailed information or controls.
▲▼◀▶: Directional navigation buttons.
OK: Confirm or enter a selected item.
CH+/-: Browse next/previous channel.
VOL+/-: Adjust volume level.
EXIT: Exit menu or return to last level.
MUTE: Toggle audio output muting.
Number Buttons: Key in numbers to view channels or other option inputs.
⮌: Return to the most recently viewed TV channel.
CH.FAV: Press once to show Channel List. Press again to show Favourite Channels List.

5. REMOTE CONTROL

● **(REC):** Start recording when in DTV Mode.
REPEAT: Toggle Repeat options in USB and Blu-ray Mode.
⏏ **:** Load/eject DVD disc.
⏯**:** Play/Pause playback, or toggle DTV Time Shift.
■ **:** Stop playback.
⏪ ⏩**:** Fast Rewind/Fast Forward up to 16x.
⏮⏭**:** Previous/next chapter/track.
⏭**:** Pressing this button will toggle slow motion playback at 1/16, 1/8, 1/4, 1/2, normal speed with each press.
D.MENU: DVD playlist/BD disc menu. (Depends on disc)
D.TOPTITLE: DVD root menu/BD on-screen menu.
OSC: Access the On-Screen Control menu in Blu-ray Mode.

Teletext operation:
Teletext is an information system broadcasted by certain channels providing news, weather forecasts, puzzles as well as subtitles. Subject to availability from the broadcaster.

SUBPAGE: Toggle subpage.
HOLD: Hold or resume browsing the subpage.
SIZE: Cycle through page zoom-in views.
INDEX: Go to Index.
CANCEL: Cancel the Teletext Display.
REVEAL: Reveal any hidden text.
TV/TXT: Toggle Teletext viewing modes.
Colour buttons: Shortcut keys per on-screen hints.

D.SETUP: Access or exit the Setup Menu in Blu-ray Mode.
2nd AUDIO: Play the 2nd Audio of 2nd Video (PIP's sub-window video) in Blu-ray Mode.
BONUS VIEW: Turn on or off the secondary video in a small screen window during play (applicable only to Blu-ray disc video that supports the BONUSVIEW or Picture-In-Picture feature) in Blu-ray Mode.
GOTO: Jump to a specific point during playback.
A-B: Define Points A and B for looping playback.
RANDOM: Toggle Random playback mode On or Off.
ASPECT: Cycle through different picture aspect settings.
ANGLE: Choose alternative camera angles if available.
SLEEP: Cycle through and set Timer Sleep settings.

5.2 Battery Installation

⚠ CAUTION
- To prevent damage to the remote control, make sure to install batteries correctly. Do not mix old and new batteries.
- Dispose of batteries safely and appropriately. Contact your local authorities or dealer for advice on battery disposal.
- Keep batteries out of reach of children.

1. To open the battery compartment, press on the battery cover and slide it out.
2. Insert 2 AA batteries, making sure to match +/- polarities as marked in the compartment.
3. Close the battery cover.

6. ON-SCREEN DISPLAY (OSD) MENU

6.1 OSD Menu Overview

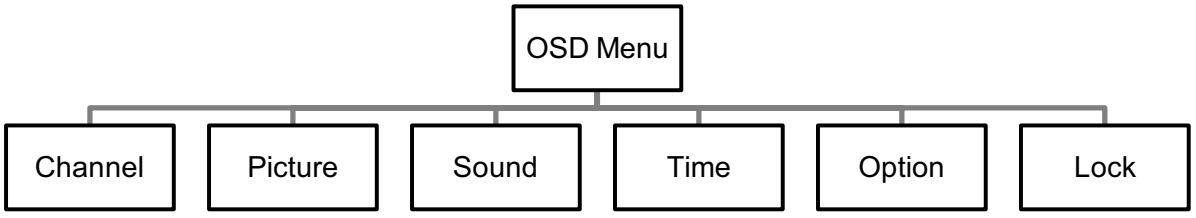
The OSD menu system acts as the Main Menu and allows access to main feature controls as well as optional user settings.

ⓘ **NOTE:** Certain menus are available only in their relevant input modes.

Navigating the OSD

1. Press MENU to display the OSD.
2. Use ◄ ► to navigate to different menus via the tabs at the top.
3. Use ▲ ▼ to enter a menu and select available settings or submenus.
4. Use ◄ ► or press OK on a selected item to adjust settings or enter a submenu.
5. Press OK or ◄ to confirm a setting and continue browsing the menu. If you have entered a submenu, please follow the hints at the bottom of the screen, or refer to the relevant sections in this user manual for operation details.
6. Press MENU again to exit the menu, or EXIT to exit the OSD completely.

6.2 Menu Map



6. ON-SCREEN DISPLAY (OSD) MENU

Menu	Option	Description
CHANNEL	Auto Scan	Tune channels automatically. This will overwrite any previously saved channels and channel settings.
	DTV Manual Tuning	Tune digital TV channels manually.
	ATV Manual Tuning	Tune analogue channels manually.
	Channel Edit	Customize channel list display and channel access.
	Signal Information	Display detailed channel signal information.
	Record Start	Start recording the current DTV channel at once.
	Recorded List	Display the Recorded File List.
	Record Mode	Schedule a future recording.
	Schedule List	Display the Schedule List.
	Free Record Limit	Set a recording time limit between 1 – 6 hours.
	DVR File System	Access the DVR File System Menu.
	▪ Select Disk	Select a connected USB storage device.
	▪ Check DVR File System	Check if the selected USB storage device is compatible.
	▪ USB Disk	Show if the selected USB storage device is compatible.
	▪ Format	Format the selected USB storage device.
	▪ Time Shift Size	Available data storage space for Time Shift recording
	▪ USB Speed	Shows the speed of the selected USB storage device.
PICTURE	Picture Mode	Choose from preset picture settings profiles. Choose 'User' for manual customisation.
	Contrast	Adjust picture contrast.
	Brightness	Adjust picture brightness.
	Colour	Adjust picture colour.
	Sharpness	Adjust picture sharpness.
	Tint	Adjust picture tint. (NTSC format only)
	Colour Temperature	Adjust colour temperature.
	Red	Adjust Red colour level.
	Green	Adjust Green colour level.
	Blue	Adjust Blue colour level.
	Aspect Ratio	Adjust picture aspect ratio.
	Noise Reduction	Adjust noise reduction settings.
	SCREEN	**PC Mode:** Access the submenu to adjust the Horizontal/Vertical position, Size or Phase of the picture.
	Over Scan	**HDMI Mode:** Choose between Video and PC.
	3D Setup	Access the 3D Setup Menu.
	▪ 3D Type	Off, Side by Side, Top Bottom, Frame Packing, Line by Line
	▪ Exchange 3D L/R	Adjust this if the 3D depth is reversed.
	▪ 2D to 3D	Toggle 3D video simulation during 2D video playback.
	▪ 3D to 2D	Toggle 3D to 2D video conversion during 3D playback.
	▪ 2D to 3D Depth	Adjust layer depth while 3D video simulation is active.

6. ON-SCREEN DISPLAY (OSD) MENU

SOUND	Sound Mode	Choose from preset sound setting profiles. Choose 'User' for manual customisation of Treble and Bass.
	Treble	Adjust the relative intensity of higher pitched sounds.
	Bass	Adjust the relative intensity of power pitched sounds.
	Balance	Adjust the balance of the Left and Right audio tracks.
	Auto Volume	Turn on/off automatic programme volume control.
	Surround Sound	Turn Surround Sound off/on.
	SPDIF Mode	Select between Off, PCM and Auto.
TIME	Clock	Set the current time. In DTV Mode, the time is set according to broadcaster signals and cannot be changed.
	Off Time	Set a time of day and frequency for the TV to turn off.
	On Time	Set a time of day and frequency for the TV to turn on.
	Sleep Timer	Set the TV to turn off after a certain amount of time.
	Auto Sleep	Set the TV to turn off after it has not received any control signals for a certain amount of time.
	Time Zone	Select the time zone.
OPTION	OSD Language	Set the language for the OSD Menus.
	Audio Language 1st / 2nd	Select the 1st/2nd preferred language track to be selected if it is available from the broadcaster.
	Subtitle Language 1st / 2nd	Select the 1st/2nd preferred language track to be selected if it is available from the broadcaster.
	OSD Duration	Adjust the time needed before the OSD Menu auto hides.
	Blue Screen	Turn on/off the blue screen display during 'No Signal'.
	Country	Shows current country that was set during Auto Tuning.
	HDMI CEC **	Access HDMI CEC options.
	▪ HDMI CEC	Turn HDMI CEC On or Off
	▪ Auto Turn Off	Turn this option On or Off. When it is enabled, turning a connected compatible CEC-enabled device will also trigger the other device to turn off.
	Auto Software Update	Turn automatic software update on if you wish the TV to automatically scan for new firmware updates at night.
	Restore Factory Default	Reset all settings to factory defaults. All channels and personalised settings will be erased.
	Backlight	Adjust backlight settings.
	System Information	Display system and support contact information.
LOCK	Enable Locks	Set channel/programme locking on/off with a password.
	Set Password	Change the password.
	Block Channel	Password-lock all programmes from selected TV channels.
	Parental Guidance	Password-lock all programmes at and beyond a chosen programme rating.

** HDMI CEC (Consumer Electronics Control) allows compatible CEC-enabled devices that are connected via HDMI to communicate with each other and enable smart controls like simultaneous power on and off. Compatibility depends on the hardware specifications by the individual manufacturers as well as the availability of the CEC function on the devices.

7. TV & ELECTRONIC PROGRAMME GUIDE (EPG)

7.1 ATV/DTV Mode

Start watching TV by pressing INPUT to switch to the ATV (Analogue TV) or DTV (Digital TV) input source. For detailed steps on changing inputs, please see the Input Source section.

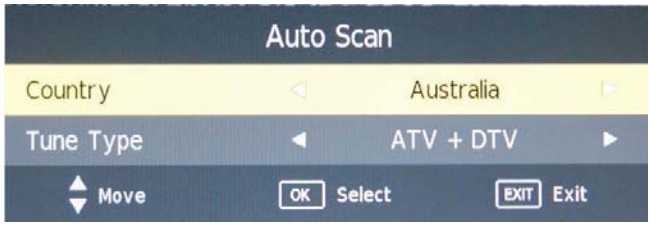
ATV and DTV depends on the broadcasting services available in your locality. The quality of received channels depends on the strength of the signal reception in your location. We recommend using an external antenna connection to receive channels.

Tune to TV channels using Auto Scan or Manual Tuning.

Auto Tuning

Run a complete scan for channels and save all detected channels into the Channel List.

1. Press MENU and navigate to the CHANNEL Menu.
2. Use ▲ ▼ and OK to select the Auto Tuning option.
3. Use ◀ ▶ to adjust Country and Tune Type options.
4. Press OK to start scanning.



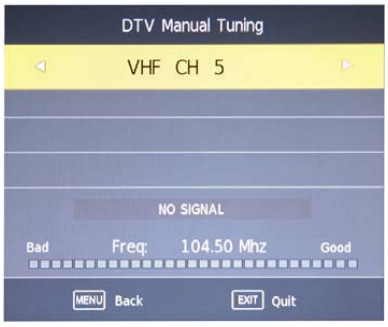
ⓘ **NOTE:**

- Auto Tuning will overwrite all previously saved channels and channel settings.
- If the ATV+DTV option is selected, the first 50% of the scan represents ATV tuning, while the other 50% represents DTV tuning.
- Press EXIT if you wish to stop tuning halfway through the process.

DTV Manual Tuning

Scan a specific DTV frequency and save detected channels into the Channel List.

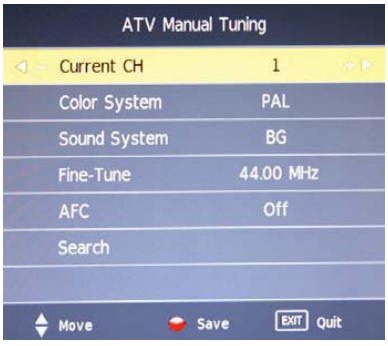
1. Press MENU and navigate to the CHANNEL Menu.
2. Use ▲ ▼ and OK to select the DTV Manual Tuning option.
3. Use ◀ ▶ to select a DTV channel.
4. Press OK to start scanning.



ATV Manual Tuning

Scan a specific ATV frequency and save detected channels into the Channel List.

1. Press MENU and navigate to the CHANNEL Menu.
2. Use ▲ ▼ and OK to select the ATV Manual Tuning option.
3. Use ▲ ▼ ◀ ▶ to adjust scanning options.
4. Press OK to start scanning.
5. Press DELETE PROG to save any changes.



7. TV & ELECTRONIC PROGRAMME GUIDE (EPG)

7.2 Electronic Programme Guide (EPG)

While using DTV Mode, press EPG to display the EPG. EPG is not available in ATV Mode.

Program GUIDE
07 Dec 2005 17:15- 18:03
07 Dec 2005 17:34
Likainen Len. Mike tutkii, onko maatyöläisen kuolemalla yhteyttä lukuisiin eläinten kuolemiin. Alfred saattaa Davidin nousuveden vangiksi. Stereo.
07 Dec
1 YLE TV1 17:15-18:03 Sydämen asialla
2 YLE TV2 18:05-18:13 No Information
5 YLE FST 18:15-18:29 Koulu-tv: Näin tehtiin Ullakkokomppania
8 YLE24 18:30-18:58 No Information
9 YLE Teema 19:00-19:04 Tv-uutiset
19:05-19:26 No Information
19:30-19:58 FST: Elämäntaito
19:58-20:00 FST: Tate Modern: Eri ulottuvuudet
Move View
Prev Day
Next Day
Record
Remind
Schedule

Browsing the EPG

1. Change channels using ▲ ▼ to navigate and press OK to tune into a highlighted channel.
2. View channel guides when tuned in to the relevant channels by using ▲ ▼ ◀ ▶.
3. Browse channel schedules up to 7 days in advance with INDEX ⏮ and SUBPAGE ⏭.
4. Press MENU or EXIT to exit the EPG.

ⓘ **NOTE:**

- You need to tune in to a channel before its schedule is displayed.
- EPG schedules are available up to 7 days in advance from the broadcaster.
- While a future programme is highlighted, press DELETE PROG to schedule automatic timed recording, or press REC.LIST BookMark to schedule a viewing. Please see the DVR section for detailed instructions.

7.3 Channel Customisation

Make personal changes to the channel list in the Channel Edit menu. Different options are available for ATV and DTV channels.

1. Press MENU to display the OSD.
2. Use ▲ ▼ to navigate to CHANNEL Menu ➔ Channel Edit and press OK.
3. If password locks are enabled, key in the password to enter the Channel Edit menu.
4. Customise your channels according to the instructions below.
5. Press MENU again to exit the menu, or EXIT to exit the OSD completely.

7. TV & ELECTRONIC PROGRAMME GUIDE (EPG)

Favourite Channels

1. Use ▲ ▼ ◀ ▶ to highlight a desired channel.
2. Press CH. FAV / D.CLEAR to mark it as a Favourite Channel. This channel will now be listed in the Favourite Channel List.
3. To remove it from the list, press CH. FAV / D.CLEAR again to remove the 'Favourite' mark.

Skip Channels

1. Use ▲ ▼ ◀ ▶ to highlight a desired channel.
2. Press SCREEN / ZOOM to mark it to be skipped. This channel will now be skipped when you browse TV channels with + CH −. It will still be accessible from the Channel List and EPG.
3. To remove the channel's Skip status, press SCREEN / ZOOM again to remove the 'Skip' mark.

Delete Channels

1. Use ▲ ▼ ◀ ▶ to highlight a desired channel.
2. Press DELETE / PROG to delete it.
3. Press ◀ to confirm or ▶ to cancel the deletion.

ⓘ **NOTE:** To add a deleted channel into the list again, you will have to scan for it via Auto or Manual Tuning. See the Tuning section for detailed instructions.

Rename Channels

This feature is only available for ATV channels. DTV channels cannot be deleted.

1. Use ▲ ▼ ◀ ▶ to highlight a desired channel.
2. Press REC.LIST / BookMark to start renaming and use ▲ ▼ ◀ ▶ to enter the new channel name.

Move Channels

1. Use ▲ ▼ ◀ ▶ to highlight a desired channel.
2. Press SCH.LIST / DIGEST to mark it to be moved, then use ▲ ▼ to move it to a desired position.
3. Press SCH.LIST / DIGEST again to confirm the new position.

7.4 Channel List and Favourite List

Use the Channel List and Favourite Channel List to change channels with ease.

1. Press CH. FAV / D.CLEAR to display the Channel List.
2. Press CH. FAV / D.CLEAR a second time to display the Favourite Channel List.
3. Use ▲ ▼ to select a channel and OK to tune into the channel.

7. TV & ELECTRONIC PROGRAMME GUIDE (EPG)

7.5 Password Lock for Channels and Programmes

Use the LOCK Menu in the OSD for password settings. This menu requires password access. The default password is 0000. If you have forgotten your password, use the master password 4711.

Enable Locks

This option MUST be turned on to use any password locks for channels and other settings.

1. Press MENU to display the OSD.
2. Use ◄ ► ▲ ▼ to navigate to LOCK Menu. You will need the password for access.
3. Select Enable Locks and use ◄ ► to turn it On or Off as desired.

Password Customisation

Set your personal password with the following steps.

1. Press MENU to display the OSD.
2. Use ◄ ► ▲ ▼ to navigate to LOCK Menu. You will need the password for access.
3. Navigate to Set Password and press OK.
4. Key in the current password (the default password is 0000).
5. Key in the new password carefully.
6. Key in the new password once more to confirm and save the new password.

ⓘ NOTE:

- The default password is 0000. If you have forgotten your password at any time, use the master password 4711 to reset your personal password.

Channel Locking

Lock specific TV channels so that they can only be viewed after using the right password.

1. Press MENU to display the OSD.
2. Use ◄ ► ▲ ▼ to navigate to LOCK Menu. You will need the password for access.
3. Select Enable Locks and set it to 'On'.
4. Select the Block Channel option and press OK. The Channel Lock list will display.
5. Highlight a desired channel with ▲ ▼ and press REC.LIST BookMark to lock it. Press again to unlock.
6. Press EXIT to exit.

7. TV & ELECTRONIC PROGRAMME GUIDE (EPG)

Parental Control for Rated Programmes

Lock specific TV programmes by rating so that they can only be viewed after using the right password.

1. Press MENU to display the OSD.
2. Use ◄ ► ▲ ▼ to navigate to LOCK Menu ➔ Lock Channel and set it to 'On'. A password will be required to change this setting. See the Password Customisation section for details.
3. Use ◄ ► ▲ ▼ to select Parental Control and choose a rating limit. Programmes with the chosen rating and any ratings beyond it will be locked.

ⓘ **NOTE:**

- Programme ratings depend on availability from the broadcasting service.
- Locked programmes or channels cannot be recorded unless they are already being accessed using the password. Please keep this in mind when scheduling recordings.

8. DIGITAL VIDEO RECORDING (DVR)

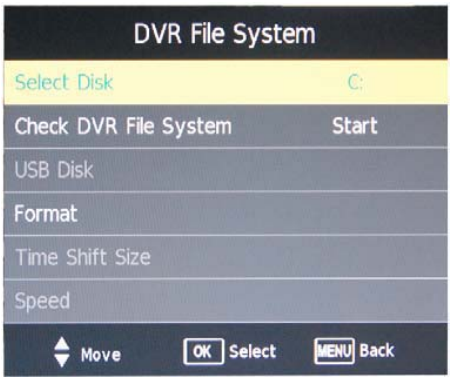
This feature allows the recording of TV programmes to a compatible USB storage device like a hard disk drive or thumb drive. While recording is in progress, the front panel LED light will flash red and green.

ⓘ **NOTE:**
- USB devices such as mobile phones, MP3 players and cameras do NOT support file recording.
- Recorded file sizes depend on the broadcast content, up to several GB per hour.

For best recording and playback results, we recommend using a USB storage device with:
A. Data storage capacity up to 1.5TB
B. Maximum disk partition size 400GB
C. An external power supply
D. Maximum USB extension cable length 50cm.

8.1 Setting up for USB Recording

1. Connect the USB storage device to the USB port on the back panel of the TV.
2. If the USB storage device uses its own power supply, make sure it is turned on.
3. Press MENU to display the OSD.
4. Use ▲▼ to navigate to CHANNEL Menu ➔ DVR File System and press OK to access the setup options in the DVR File System Menu, as described below.



Selecting a Disk Drive and Checking Compatibility

Select a desired USB storage device for recording if multiple devices are connected. Then check if the connected USB storage device is compatible and ready for recording.

1. Select a disk drive using the Select Disk option.
2. Select Check DVR File System in the DVR File System Menu and press OK.
3. One of the following messages will appear: 'SUCCESS' for a compatible device and 'FAIL' for an incompatible device.

ⓘ **NOTE:**
- This TV will always use the first partition (C:\) for recording purposes. If your hard disk contains more than one partition, please use the first partition for recording purposes.
- Failure to identify the File System may also be due to insufficient memory space on the storage device, or a faulty USB cable. Try another USB storage device with a larger capacity or another USB cable.
- If no device is connected, this detail will be greyed out.

Formatting a Disk

You may need to format the USB storage device for reasons such as:
A. The device is currently in an incompatible format.
B. The device's file system is damaged and needs to be rewritten via formatting.
C. You wish to wipe all data from the device to begin again with an empty drive.

8. DIGITAL VIDEO RECORDING (DVR)

Formatting will ensure that the USB storage device is in the FAT32 file system and that there is enough storage space available for recording programs.

> ⚠ **CAUTION**
> - Formatting will erase ALL data on the storage device! Please back up all valuable data before proceeding to format. TEAC is not responsible for any lost data due to formatting.

1. Select the disk drive to be formatted.
2. Select the Format option in the DVR File System Menu and press OK.
3. Select the FAT32 option and press OK to start formatting.

ⓘ NOTE:
- The FAT32 file system is best for high speed storage devices. High Speed FS is best for low speed storage devices.
- After formatting into the FAT32 file system, you will still be able to store and share other media files on the same storage device.
- Storage devices formatted in High Speed FS system can only be used to record from this TV and cannot store other media files.

Time Shift Size

After the USB storage device is formatted into the FAT32 file system, Time Shift cannot be altered. During 'DVR File System Check', the display will show that the whole storage device space will be used for Time Shift. However, Instant and Scheduled Recording will still have priority over available storage space.

For details on using Time Shift, please see the Time Shift section.

8.2 Instant Recording

When a compatible USB storage device is connected, you can record TV programmes at will with the press of a button. While recording is in progress, the TV's LED light will flash.

1. Press REPEAT while watching TV to start recording. Alternatively: MENU ➔ CHANNEL Menu ➔ Record Start
2. Press EXIT if you wish to display the Recording progress bar during recording. Press again to close.
3. Press REVEAL to stop recording.

8. DIGITAL VIDEO RECORDING (DVR)

ⓘ NOTE:

- Press CANCEL to view the currently recording file while recording.
- Press REC.LIST BookMark to play any other recorded files from the Recorded File List.
- It is not possible to view channels on other frequencies while recording is ongoing.
- The recorded file size depends on the broadcasted content. Please make sure your USB storage device has ample space for recording.
- Please do not turn off or unplug the USB storage device during recording. This may damage the USB storage device or cause data corruption.

Recording in Standby Mode

Continue recording after turning off the TV. (Similarly, scheduled recording can be done while the TV is turned off in Standby Mode.)

1. Press REPEAT while watching TV to start recording. Alternatively: MENU ➔ CHANNEL Menu ➔ Record Start
2. Press ⏻ to turn the TV off into Standby Mode.
3. A prompt will appear. Choose whether to continue recording after turning the TV off, then press OK.

Setting a Record Limit

Set a time limit for Instant Recording. When the time limit is up, recording will stop automatically.

1. Press MENU to display the OSD.
2. Use ▲▼ to navigate to CHANNEL Menu ➔ Free Record Limit and adjust the setting between 1 – 6 hours.

8.3 Time Shift (Pause Live TV)

Pause live TV temporarily and avoid missing part of the TV show even if you are interrupted.

1. Press CANCEL while watching TV to pause live TV and start Time Shift.

- Press CANCEL to resume watching TV from where it was paused. The TV will continue recording live TV.

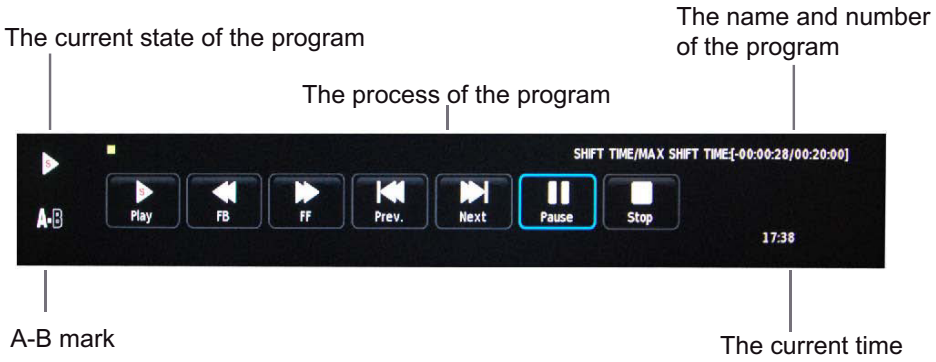
2. When a Time Shifted programme is playing, a ▷ sign is displayed on the screen.
3. Press EXIT if you wish to display the Time Shift progress bar during Time Shift recording. Press again to close.
4. Press REVEAL to stop recording and return to live TV broadcast.

ⓘ NOTE:

- Fast Forward/Rewind can be done with HOLD ◀◀ SIZE ▶▶, but if you reach the end of the Time Shift recording, the TV will stop recording and return to the live TV broadcast.

8. DIGITAL VIDEO RECORDING (DVR)

- The max recording time for Time Shift depends on the available data storage space and the size of the broadcast DTV content.
- Time Shift recordings do not remain saved on the USB storage device.



8.4 Scheduled Recording/Viewing Reminder

Schedule an automatic programme recording or viewing event by directly selecting a programme from the EPG.

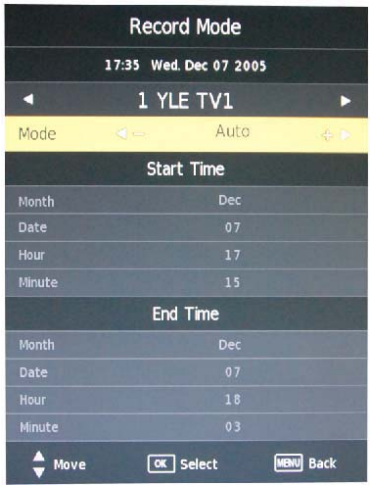
A. Scheduled recording: Record a programme into a connected USB storage device.
B. Viewing reminder: Show a scheduled programme on time.

ⓘ NOTE:

- If channel locks or parental control locks are enabled, the locked programmes and channels can be recorded, viewed and played back on this TV using password access. Key in your current password when the password prompt pops up.
- While recording is in progress for a locked channel, you will still need to key in the password to watch that channel. This does not interrupt the recording process.

Schedule a New Recording/Viewing Event

This feature can be used in DTV Mode.



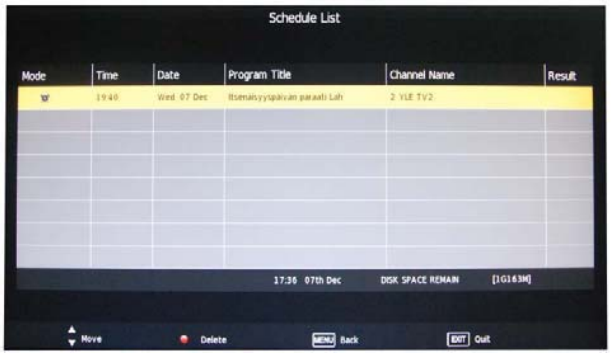
1. Press EPG and use ◄ ► ▲ ▼ to highlight a desired programme in the programme guide.
2. Press DELETE PROG to schedule a recording, or REC.LIST BookMark to schedule a viewing reminder.
3. A scheduling menu will appear. The desired programme details will already be automatically set. Press ◄ ► ▲ ▼ to change any details if desired.
4. Press OK to save. If the new event clashes with an existing event, you will be asked whether to cancel the scheduling or overwrite the old event. The Schedule List will display and list the new event.
5. Press EXIT to return to TV viewing. When the time is reached, a countdown will be displayed before recording or showing starts.

ⓘ NOTE:

- If the TV is in Standby Mode, Scheduled Recording will proceed without needing the TV to turn on.
- At least 20 events can be scheduled. If the maximum is reached, existing events must be deleted before new ones can be scheduled.

8. DIGITAL VIDEO RECORDING (DVR)

Viewing the Schedule List



1. Press SCH.LIST DIGEST to display the Schedule List.
2. Press ▲ ▼ to scroll up and down the list. Scheduled recordings will be marked with a camera icon, and viewing reminders with a clock icon.
3. Press EXIT to return to TV viewing.

Deleting a Scheduled Recording/Viewing Event

1. While viewing the Schedule List, use ▲ ▼ to select the event to be deleted.
2. Press DELETE PROG to delete the highlighted event.
3. Press ◀ to confirm or ▶ to cancel the deletion.

8.5 Using the Recorded File List

Press REC.LIST BookMark to access the Recorded File List. Any recorded TV programmes will be listed if a USB storage device is connected and powered on.

Viewing and Playing Recorded Files

1. Press REC.LIST BookMark to view the Recorded File List. Press repeatedly to sort the files by Programme, Channel and Time.
2. Use ▲ ▼ to browse the list and select a file.
3. Press DISPLAY to display detailed information on the highlighted file.
4. Press EXIT to show an on-screen control bar.
5. Press OK to start playing the selected file.

ⓘ NOTE:

- If playback is stopped, the track position is remembered and playback will resume from there.
- When Parental Control is enabled, some recorded programmes may be locked because of their rating according to the EPG. Key in the correct password to play them.

Deleting Recorded Files

1. Press REC.LIST BookMark to view the Recorded File List, then use ▲ ▼ to select a file.
2. Press DELETE PROG to delete a file.

9. 3D VIDEO PLAYBACK

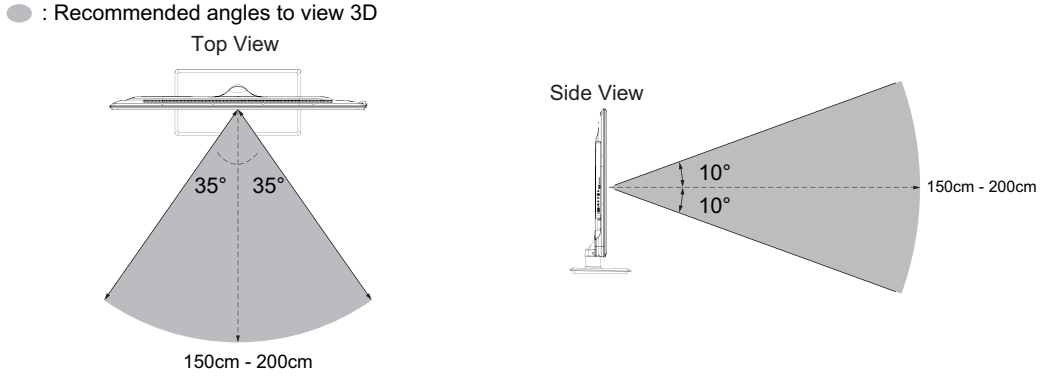
You can watch 3D TV when:

A. The TV receives 3D broadcasting (subject to availability from the broadcaster), or is connected to a compatible 3D video player, and
B. The 3D format of the video is **Side by Side**, **Top Bottom**, **Frame Packing** or **Line by Line**.
C. You turn on the 2D to 3D function while watching 2D video or TV.

> ⚠ **CAUTION**
>
> - Do not watch 3D TV for too long as it may harm your eyesight or cause you to experience fatigue, headaches and nausea. Take frequent breaks from watching 3D TV.
> - If you feel unwell while watching 3D TV, stop and take a rest. If symptoms persist, consult a doctor.
> - Stop and consult a doctor immediately if you experience the following symptoms, as you may be at risk of or experiencing seizure or epilepsy: dizziness, altered vision, eye or muscle twitching, involuntary movements, convulsion, loss of consciousness, loss of direction and confusion, cramps and nausea.
> - Children and teenagers should be monitored while watching 3D TV in case they show any discomfort. If they feel unwell, have them take a break. If symptoms persist, consult a doctor.
> - The following people are not recommended to watch 3D TV:
>   - Young children under 5 years of age
>   - Pregnant women, seniors, people with heart problems, oversensitivity to light and other medical conditions
>   - People who are sick or tired
>   - People with a history of epilepsy or seizures

9.1 Watching 3D TV

For optimal 3D video viewing experience, please make sure that your viewing position is within the recommended distance and angle.



1. Start a 3D video playback from a Blu-ray disc, USB multimedia playback or 3D TV broadcasting, or turn on the 2D to 3D function. For USB playback instructions, please see Section 11.
2. Put on a pair of passive 3D glasses (included with this TV).
3. Turn on 3D Mode if needed by pressing 3D. The default 3D Type is Side by Side. Adjust the 3D Type setting if necessary to match the 3D video format. If the 3D picture layers look reversed or otherwise incorrect, adjust the Exchange 3D L/R setting.
4. Press 3D again to close the 3D Setup Menu.

9. 3D VIDEO PLAYBACK

ⓘ NOTE:

- If you have eyesight conditions like short-sightedness and astigmatism, please put on your corrective lenses before using the 3D glasses.
- Maintain a distance of at least 2 times the screen width or 3 times the screen height.
- Maintain a position where your eyes are on the same level as the TV screen and looking straight at the screen.

9.2 3D Glasses

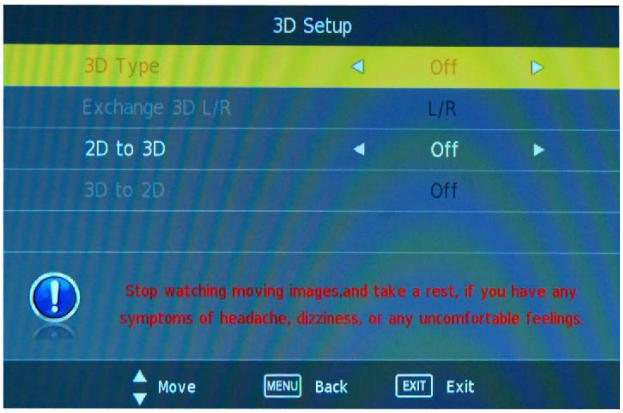
Use the provided 3D Glasses when watching 3D TV. Please use your corrective lenses together with the 3D Glasses to watch 3D TV. The 3D Glasses do not have eyesight correcting properties by themselves.

⚠ CAUTION

- Please use the 3D Glasses only when watching 3D TV. Do not move around while wearing the 3D Glasses as they may alter your sense of sight, balance and distance, leading to possible physical injury or property damage.
- The 3D Glasses are not to be used as sunglasses.
- After watching 3D TV, remove the 3D Glasses and take a moment to recover from possible disorientation due to the change to your sense of sight, balance and distance before moving around.
- Handle the 3D Glasses with care while putting them on or taking them off to avoid causing injury with the glasses' frame or hinges.
- Clean the 3D lenses only with a clean, soft cloth to avoid scratching them.
- Avoid touching the delicate 3D lenses to avoid scratching them.
- Avoid dropping or bending the 3D glasses to prevent damaging them.

9.3 3D Settings

Press 3D to display the 3D Setup Menu, and use ◄ ► ▲ ▼ to adjust the options. Some options may be disabled depending on the input mode.



9. 3D VIDEO PLAYBACK

3D Type

Choose a suitable 3D playback mode by matching the format of your 3D video to the available choices:

- Off,
- Side by Side
- Top Bottom
- Frame Packing

With Blu-ray discs, the TV is able to auto-detect and switch to the correct 3D format on its own. This feature depends on the Blu-ray disc content.

Exchange 3D Left/Right

Adjust this setting for the best 3D picture visibility.

2D to 3D

This TV can simulate a 3D effect while playing 2D video or TV channels.

1. Turn it on by pressing 3D or by adjusting the option directly in the 3D Menu.
2. Adjust the 3D Depth, if desired, by selecting the 2D to 3D Depth option and pressing ◄ ► to choose a preferred depth.
3. If you wish to turn off the 2D to 3D function, enter the 3D menu again like before, then select the 2D to 3D option and press ◄ ► to set it to **Off**.

3D to 2D

This TV can downscale 3D video or TV into 2D. Turn this option On or Off as desired when you are watching 3D video.

2D to 3D Depth

Choose layer depths while the 2D to 3D function is turned on, from Depth 1 (least) to Depth 3 (most).

10. USB MULTIMEDIA PLAYBACK

This TV can play movie, audio, image and text files from a connected USB device. For information on supported file formats, see the Reference section.

10.1 Connecting the USB Storage Device

Use a USB storage device such as a hard disk drive or flash drive. USB devices such as mobile phones, MP3 players and cameras are NOT supported.

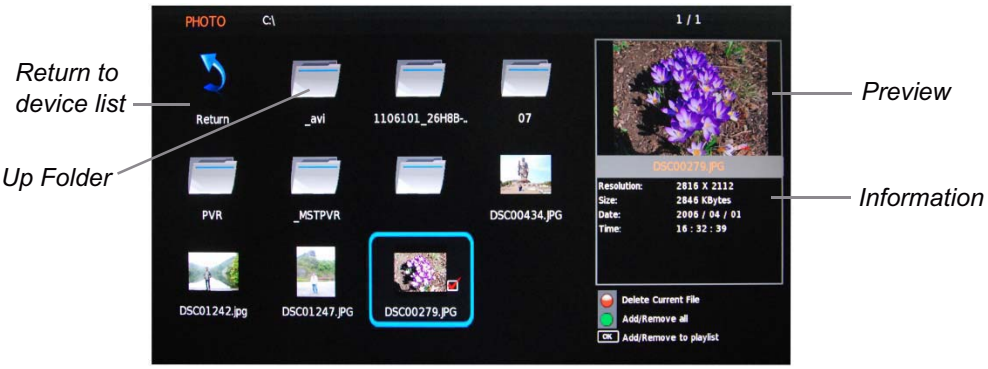
1. Connect the USB storage device to the USB port on the back panel of the TV.
2. If the USB storage device uses its own power supply, make sure it is turned on.
3. When the device is detected, it will be listed in the Multimedia Menu. The TV may take a while to read the data, depending on the device's storage size and content.

ⓘ **NOTE:** For best results, we recommend using a USB storage device with:

- Data storage capacity up to 1.5TB
- An external power supply
- Maximum USB extension cable length 50cm.

10.2 Playing Multimedia Files

Press DTV/USB or INPUT and switch to the USB input source. When in USB Input Mode, the USB Menu will be shown. Browse and play files using specific menus for different file types.



1. In the USB Menu, press ◄ ► to choose the desired multimedia type: **Photo** for images, **Music** for audio, **Movie** for videos, and **Text** for text files.
2. Use ▲ ▼ in the list to select the device you wish to play from, and press OK. Choose the 'Return' icon to return to the main USB
3. Use ◄ ► ▲ ▼ to navigate to desired files and folders. Press OK on highlighted folders to view folder contents, and choose the 'Up Folder' icon to return to the previous folder level.
4. Press CANCEL ▶|| to start playing the current highlighted file. Normal playback controls such as Pause, Fast Forward and Fast Rewind are available.
5. Press DISPLAY or OK during Photo and Movie file playback to display a control bar for more playback controls.

ⓘ **NOTE:** Depending on the file content, some files may not play even if they are in a supported format.

10. USB MULTIMEDIA PLAYBACK

Making a Playlist

1. While browsing files, follow the on-screen hints for button controls. Add a file to a playlist by pressing OK on a highlighted file and checking its checkbox. Repeat this action on other files to add them to the playlist.
2. Remove individual files from the playlist by unmarking the checkboxes with OK.
3. Alternatively, press REC.LIST BookMark to select or unselect all files in the folder.
4. Press CANCEL ▶|| to start playing the highlighted file.

Photo Playback

1. In the USB Menu, choose Photo Playback with ◀ ▶ and press OK.
2. Add image files to a playlist by following on-screen hints for button controls.
3. Press CANCEL ▶|| to view in full screen. Press DISPLAY to see the Photo Playback control bar.
4. Press ◀ ▶ and OK to use the buttons on the bar.

Control	Description
Repeat	Select between Repeat All, Repeat One, Repeat None.
Music	Play/Pause music in the current playlist if any has been selected.
Playlist	Show the current playlist. Use ▲ ▼ and OK to display a specific image. Press SCH.LIST DIGEST to remove a highlighted file from the list, or REC.LIST BookMark to remove all files. Press EXIT to return to the control panel.
Info	Display detailed image information.
Rotate	Rotate current image.
Zoom Out/In	Zoom out/in on current image.
Move View	Move around in a zoomed in image.

10. USB MULTIMEDIA PLAYBACK

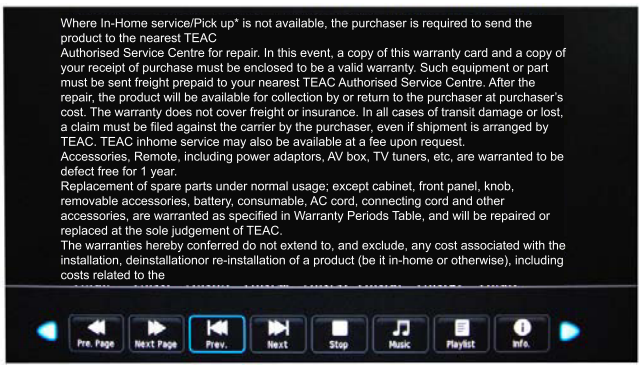
Music Playback

1. In the USB Menu, choose Music Playback with ◄ ► and press OK.
2. Add music files to a playlist by following on-screen hints for button controls.
3. Press CANCEL ▶|| to start playback. Press ◄ ► and OK to use the Music Playback control bar.

Control	Description
Repeat	Select between Repeat All, Repeat One, Repeat None.
Go To	Jump to a specific time in the track by keying in the format HH:MM:SS
Playlist	Press ▲ to navigate into the current playlist. Use ▲▼ and OK to choose a specific image. Press SCH.LIST DIGEST to remove a highlighted file from the list, or REC.LIST BookMark to remove all files. Press EXIT to return to the control panel.
Screen Mute	Press SCREEN ZOOM to turn off the screen while continuing to play music.

Text Display

1. In the USB Menu, choose Text Playback with ◄ ► and press OK.
2. Add text files (.txt) to a playlist by following on-screen hints for button controls.
3. Press CANCEL ▶|| to display text files in full screen. Press ◄ ► and OK to use the Text Playback control bar.


Where In-Home service/Pick up* is not available, the purchaser is required to send the product to the nearest TEAC
Authorised Service Centre for repair. In this event, a copy of this warranty card and a copy of your receipt of purchase must be enclosed to be a valid warranty. Such equipment or part must be sent freight prepaid to your nearest TEAC Authorised Service Centre. After the repair, the product will be available for collection by or return to the purchaser at purchaser's cost. The warranty does not cover freight or insurance. In all cases of transit damage or lost, a claim must be filed against the carrier by the purchaser, even if shipment is arranged by TEAC. TEAC inhome service may also be available at a fee upon request.
Accessories, Remote, including power adaptors, AV box, TV tuners, etc, are warranted to be defect free for 1 year.
Replacement of spare parts under normal usage; except cabinet, front panel, knob, removable accessories, battery, consumable, AC cord, connecting cord and other accessories, are warranted as specified in Warranty Periods Table, and will be repaired or replaced at the sole judgement of TEAC.
The warranties hereby conferred do not extend to, and exclude, any cost associated with the installation, deinstallationor re-installation of a product (be it in-home or otherwise), including costs related to the
Pre. Page
Next Page
Prev.
Next
Stop
Music
Playlist
Info.

Control	Description
◄◄ ►►	Previous/next Page.
⏮ ⏭	Previous/next text document.
■	Stop viewing the text document.

10. USB MULTIMEDIA PLAYBACK

Movie Playback

1. In the USB Menu, choose Movie Playback with ◄ ► and press OK.
2. Add movie files to a playlist by following on-screen hints for button controls.
3. Press CANCEL to start playback. Press DISPLAY to see the Movie Playback control bar.
4. Press ◄ ► and OK to use the buttons on the bar.

ⓘ NOTE:

- If playback is stopped, the track position is remembered and playback will resume from there.

Control	Description
Repeat	Select between Repeat All, Repeat One, Repeat None.
A-B	Press once to set Point A, and again to set Point B for looping playback. Press again to resume normal playback.
Playlist	Press ▲ to navigate into the current playlist. Use ▲ ▼ and OK to choose a specific image. Press SCH.LIST DIGEST to remove a highlighted file from the list, or REC.LIST BookMark to remove all files. Press EXIT to return to the control panel.
Info	Display detailed video information.
Slow Fwd	Use the on-screen ▮▶ button to toggle slow motion playback at different speeds. To resume normal playback, press CANCEL.
Step Fwd	Use the on-screen ▶▮ button to step forward within the track in small time increments.
GOTO	Key in a specific point to jump to using the HH:MM:SS format.

Musical Photo/Text Slideshow

Play music while viewing images or text.

1. In the USB Menu, choose Music Playback with ◄ ► and press OK.
2. Add music files to a playlist by pressing OK on a highlighted file. For details on adding files to playlists, please see the Making a Playlist section.
3. After the music playlist is done, press EXIT to return to the USB Menu.
4. Choose Photo or Text Playback with ◄ ► and press OK.
5. Add the desired image/text files to a playlist.
6. Press CANCEL to start displaying the images/text.
7. Press DISPLAY to display the on-screen control bar.
8. Start simultaneous music playback by choosing the Music button in the control bar.

11. BLU-RAY MODE

To start using this feature, press INPUT and switch to the Blu-ray input source. For detailed steps on changing inputs, please see the Input Source section.

This Blu-ray player supports playback for: BD-R/RE (Blu-ray Discs), DVD, DVD-Video, DVD+R/+RW, DVD-R/-RW, VCD, CD, CD-R/CD-RW.

> ⚠ **CAUTION**
> - Do not place any objects other than Blu-ray discs, DVDs and CDs.into the disc compartment.
> - Do not touch the optical disc lens inside the disc compartment.

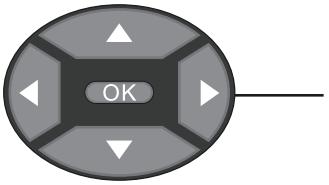
11.1 Blu-ray Setup Menu

This Setup Menu can be accessed in Blu-ray Mode while disc playback is stopped.

Menu Operation

1. If a disc is playing, press ■ to stop playback.
2. Press D.SETUP to display the Setup Menu.
3. Press ◄ ► to choose from the following main menus: General Setting and System Information.
4. Press OK or ▼ to enter the submenu.

5. Highlight a setting with the ▲▼ buttons and press ► to access options for that setting.
6. Highlight the desired option with the ▲▼ buttons and press OK to confirm.



- Move up or down.
- Move left or right.
- Confirm a selection with the OK button.

7. Return to the previous menu by pressing ◄ or press EXIT according to on-screen hints. To return to the main menu selection, press ▲ until you return to the top.
8. Exit the Setup Menu by pressing D.SETUP again.

11. BLU-RAY MODE

Setup Menu Overview

Menu	Option	Description
GENERAL SETTING	**System**	
	▪ Disc Auto Playback	Turn automatic disc playback On or Off.
	▪ Load Default	Reset Blu-ray player options to the factory default.
	▪ Upgrade	Choose to upgrade firmware from Disc or USB Storage. Please see the Upgrade Software section for details.
	▪ BD Live Data	See information on USB memory storage for BD Live. Check BD Data: Check that the connected USB storage device is in a compatible format and ready for use.
	Language	
	▪ OSD	Choose the OSD language
	▪ Menu	Choose the Menu language
	▪ Audio	Choose a preferred audio language which will be used if the track is available on the disc.
	▪ Subtitle	Choose a preferred subtitle which will be used if the track is available on the disc..
	Playback	
	▪ Angle Mark	Turn the Angle Mark function On or Off.
	▪ PIP Mark	Turn the PIP Mark function On or Off.
	▪ 2nd Audio Mark	Turn the secondary audio selection On or Off.
	▪ PBC	Turn the PBC function On or Off.
	Security	
	▪ Change Password	Change the password by keying in the original password, then keying in your personal password twice. (If you lose the password, use the Master Password '0000'.)
	▪ Parental Control	Set a rating limit for restricted playback. Discs at and over the specified limit will be restricted. The current password must be keyed in for this feature to be accessed.
	▪ Country Code	Select the country code.
	Network	
	▪ Internet Connection	Enable or disable the unit's network connection.
	▪ Information	Display detailed information on the network connection.
	▪ Connection Test	Test whether the current connection is working and set up correctly.
	▪ IP Setting	Set the unit's IP address manually or automatically.
	▪ BD-Live Connection	Set permissions for the BD-Live connection: Permitted, Partial Permitted, Prohibited.
	▪ Proxy Setting	Key in proxy settings if necessary.
SYSTEM INFO	Software Version	Displays the software version for technical/servicing reference.
	MAC Address	Displays the BD player's MAC address for networking setup reference.

11. BLU-RAY MODE

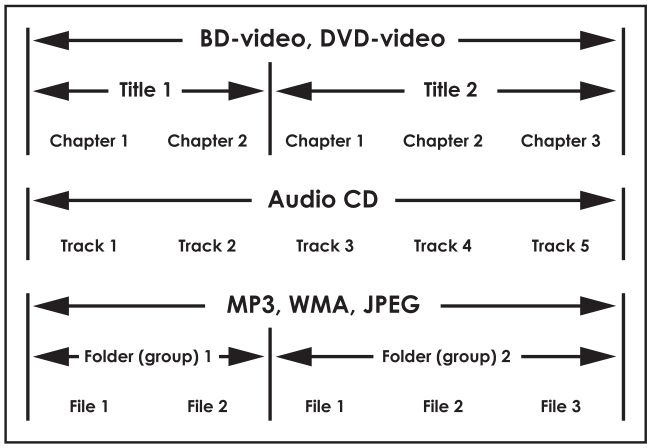
11.2 Playing a Disc

Make sure that you have changed to Blu-ray input before loading a disc.

Insert a compatible Blu-ray disc (BD), DVD or CD into the disc slot gently. The disc label/printed side should face away from you and the reflective side should face you. The disk mechanism will draw the disc into the disc player and start reading the disc.

Disc content structure

The structure of a disc content is generally divided as shown below.



- **Title/chapter** refers to the contents on a BD/DVD.
- **Track** refers to the contents on an audio CD.
- **Folder/file** refers to the contacts of a disc in MP3/WMA/JPEG format.

11.3 Playback Controls in Blu-ray Mode

Menu Button Functions

BD video disc:

D.TOPMENU D.TOPMENU stops the video playing and returns to the disc menu. (Availability of this feature depends on the disc content and manufacturer.)

D.TOPTITLE D.TOPTITLE will access the BD video disc menu without interrupting disc play.

DVD video disc:

D.TOPMENU D.TOPMENU will display the root menu of a disc.

D.TOPTITLE D.TOPTITLE will display disc information and guide you through the available functions on the disc.

11. BLU-RAY MODE

Video Playback Controls

Button	Description
⏯	Start, pause or resume playback.
■	Stop playback; the player will continue running and playback resume is possible at this time. Press the button a second time to completely stop the player.
⏮ ⏭	Skip to a previous/next title or chapter.
⏪ ⏩	Fast rewind or fast forward. Press repeatedly to change the search speed. Speeds 1-5 in either direction (forward or rewind), 6th consecutive press will resume normal playback.
AUDIO	Selects an audio language or channel on a disc.
SUBTITLE	Select the subtitle language on a disc.
REPEAT	Repeat options may vary from the disc type.
DISPLAY	Display the current status or disc information.
ZOOM	Zoom in/out of the video image. (Subtitles are not displayed while zoomed.)
RANDOM	Select different repeat modes for chapters/tracks.
BOOKMARK	Bookmark the selected point during playback.
A-B	When a disc is playing, pressing this button once will save a “start point” for repeated playback. Pressing this button again will save an “end point” for repeated playback. Playback will repeat from the start point to the end point. **NOTE:** The marked section for repeat play should be in one track/title.
GOTO	Jump to a user specified time during playback: Press the GOTO button, then press OK. Then, use the number buttons to key in a desired time.
BONUS VIEW	Turn on or off the secondary video in a s mall screen window during play (applicable only to BD-video that supports the BONUSVIEW or Picture-In-Picture feature).
2nd AUDIO	When using the BONUS VIEW/Picture-In-Picture feature, press this button to toggle between audio tracks for the main window and PIP window.
OSC	Access a quick menu with options relating to the current activity or selection, such as controlling video playback.

ⓘ **NOTE:**

- For BD discs with Java application, the resume function is not available.
- Some operations may not work with discs that may not provide the relevant features. See the information accompanying the disc for details.
- Skipping between chapters/tracks on BD may take several seconds due to the dense data format of the Blu-ray disc.

11. BLU-RAY MODE

11.4 Playing a Blu-ray Video Disc

Blu-ray video discs have larger capacity and support features such as high definition video, multichannel surround sound, interactive menus and so on.

1. Insert a Blu-ray (BD) disc.
2. Playback will automatically start, otherwise select a playback option from the menu and press OK.
3. During playback, press D.TOPMENU to display additional information and features. (Availability of this feature depends on the disc content and manufacturer.)
4. During playback, press D.TOPTITLE to display the disc menu without interrupting disc playback.

Enjoying BONUS VIEW content

(Applicable only to a disc compatible with the BONUS VIEW or Picture-in-Picture feature)
You can instantly view additional content (such as commentaries) in a small screen window.

(A) Primary video
(B) Secondary video

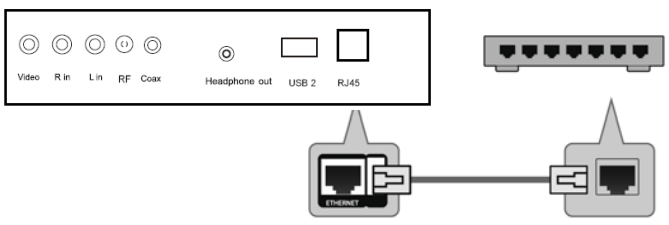
1. Press BONUS VIEW to turn on the secondary video window.
2. Press 2nd AUDIO to switch over the audio between main Playback window and PIP window.

Enjoying BD Live

Many BD discs allow you to access BD Live functions where you can use interactive functions on the disc when the unit is connected to the Internet.

> ⚠ **CAUTION**
> - Please note that when BD Live functions are used and the unit is connected to the Internet, your standard internet service provider's data quota and charges will apply.

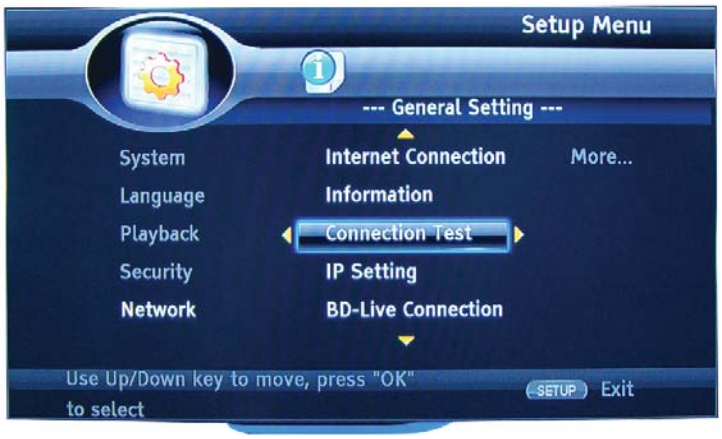
1. **Preparation**
   a. Connect a network wire from your modem or router to the RJ45 Ethernet port on the unit.



b Insert a USB memory device into the unit (USB memory should have at least 1GB free space)
c Prepare a BD disc that has the BD Live feature.

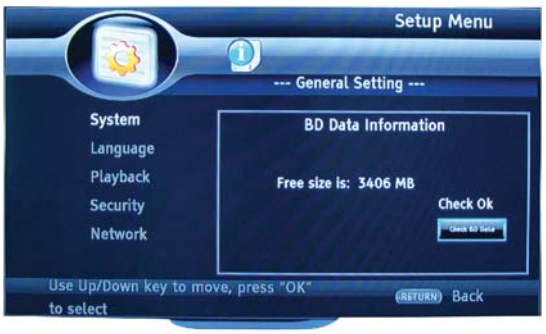
2. Network testing

a. Navigate to Network ➔ Connection Test, then press OK to start testing your network connection.



b. If the network connection works, the following will be displayed:

c. Navigate to System ➔ BD Live Data ➔ Information, then press OK to get into the submenu to check the available data space left on the USB memory device. We recommend that the free data size should be larger than 1GB.



Highlight the ‘Check BD Data’ button and press OK to check that the USB memory device is compatible and ready for use.

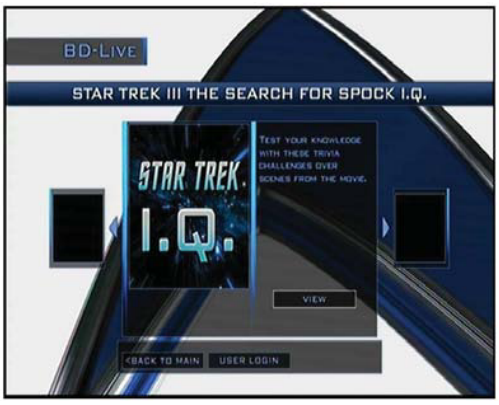
11. BLU-RAY MODE

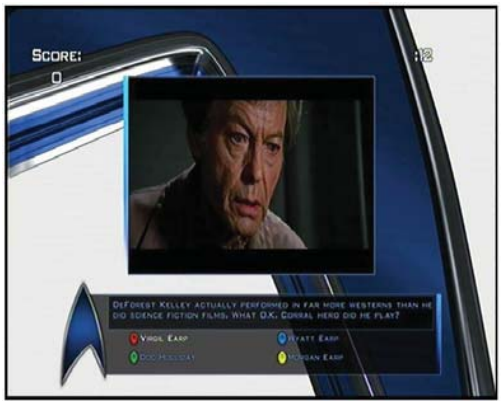
3. Connect to BD Live

a. Play a BD disc with the BD live feature, and navigate the menu to access the feature.

b. The BD Live feature allows you to connect to the movie studio's server and access their online content. Content availability depends on the movie studio servers.

c. When the BD Live connection is successful, you can browse the online content and downloads. (Different discs will show different menus and interface designs.)





ⓘ NOTE:

- The unit must be connected and correctly set up to access the Internet. If you require support in setting up the network connection, please contact your local IT technician.
- Depending on your connection speed and the server connection, it may take time to connect and download online content.
- Follow the instructions given by the disc when using the BD Live function.
- You are recommended to use a USB storage device for downloading BD Live content (at least 1GB free space is recommended).
- BD Live content will be stored into folders called BD Live inside the folders Photo, Music and Video. NOTE: The contents may only be viewable through using the BD Live feature on the BD discs.

11. BLU-RAY MODE

Playing music

The BD Player can also play digital music files like MP3 or WMA files.

1. Insert a disc that contains MP3/WMA files.
2. Press MEDIA CENTER to display the file list if it does not automatically display.
3. Select a music folder then press OK.
4. Select a file to play then press OK.

When playing audio or MP3 discs, the following controls can be used:

Controlling music playback

Button	Action
▶II	Start, pause or resume playback.
■	Stop viewing the text document.
⏮ ⏭	Skip to the prescious/next title or chapter.
⓪ to ⑨	Key in a number to choose an item to play.
◀◀ ▶▶	Fast rewind/fast forward. Press repeatedly to change the scanning speed.
REPEAT	Press repeatedly to cycle through available repeat and shuffle options.

ⓘ NOTE:

- For discs recorded in multiple sessions, only the first session will be played
- This player cannot play WMA files that are protected by Digital Rights Management (DRM)
- This product does not support the MP3 PRO audio format.
- Special characters present in the MP3 track name (ID3) or album name, it might not be displayed correctly on the screen as these characters are not supported by the player.
- Files/folders that exceed the supported limit of the product cannot be displayed or played.

Playing a photo slideshow

You can play JPEG photos (files with jpeg or jpg extension) on the player as a slideshow

1. Insert a disc or USB device that contains the JPEG photos.
2. Press MEDIA CENTER to display the file list if it does not automatically display.
3. Select a photo folder, then press OK to open.
4. To select a photo, use the ◀ ▶ ▲ ▼ buttons.
5. To enlarge the selected photo and start the slide show, press OK.

ⓘ NOTE:

- A longer time may be required to display the disc content on your TV if there are a large number of songs/photos compiled onto one disc.
- This product can only display digital camera pictures in the JPEG-EXIF format, typically used by almost all digital cameras. It cannot display Motion JPEG, or pictures in formats other than JPEG, or sound clips associated with pictures.
- Folders/files that exceed the supported limit of this product cannot be displayed or played.

11. BLU-RAY MODE

Photo Slideshow Controls

Use the remote control to control the slideshow:

Button	Action
◄ ►	Rotate a photo clockwise/anticlockwise.
▲ ▼	Flip a photo horizontally/vertically.
■	Stop the slideshow.

ⓘ **NOTE:** Some operations may not work with certain discs or files, depending on the content or format.

Set slideshow interval and animation

1. During slide show playback, press OSC. The options menu will be displayed.
2. Navigate the options with the Navigation button.
3. Select an option in the menu, then press OK.

Playing music during a photo slideshow

1. Select your MP3/WMA music to play and start playback as described in the previous sections.
2. Press MEDIA CENTER to return to the file list.
3. Navigate to enter a photo folder, then press OK to start the slideshow. The slideshow will begin and continue until the end of the photo folder. The audio will continue to play until the end of the disc.
4. To stop the slideshow, press ■.
5. To stop the music playback as well, press ■ again.

ⓘ **NOTE:**

- To create a musical slideshow, you must store the MP3/WMA/JPEG files on the same disc as the photos.
- If the setup option is grayed out, it means the setting cannot be changed at the current state.

ⓘ **NOTE:** For best results, we recommend using a USB storage device with:

- Data storage capacity up to 1.5TB
- An external power supply
- Maximum USB extension cable length 50cm.

11. BLU-RAY MODE

11.7 Upgrade Blu-ray Player Software

For software updates that can enhance your BD player's performance, use the latest updated software version (if available).

Update software via Disc(CD/DVD)/USB

For software updates that can enhance your player's performance, check the current software version of your players with the latest software (if available).

1. Find the latest software from the TEAC website: Go to www.teac.com.au, navigate to the Firmware page in the Support section, and find the TC's model number in the list.
2. Download the software and burn it onto a CD/DVD, or save it onto a compatible USB flash drive.
3. Insert the USB flash drive into the TV's **USB 2** port at the rear panel.
4. Switch to Blu-ray Mode on the TV with INPUT. If a disc is inside the BD player, it will auto-play, in which case press ■ to stop the playback and return to the default BD screen.
5. Press D.SETUP to open the BD player's Setup Menu, then navigate to General Setting ➔ System ➔ Upgrade ➔ USB Storage.
6. Follow the instructions on the TV screen to complete the software update process.
7. Once the software update is complete, the TV will automatically switch off into Standby Mode.
8. Disconnect the TV's power cord for a few seconds; then reconnect it and turn it back on.

⚠ CAUTION

- To prevent possible damage of this product do not turn off the power or remove the USB flash drive while the update is in progress.

12. REFERENCE

12.1 Troubleshooting

Please do not use functions not mentioned in this user manual. If a problem occurs with your TV, please refer to the table below. If the problem persists, please turn the TV off and consult the TEAC Customer Service Hotline.

Problem	Action
No picture	Is the power plugged in? Connect the power plug securely.
The picture appears too slowly after the power is turned on	Like your computer, the TV runs diagnostic and software checks before it can display broadcast channels. The picture should appear in approximately 15 seconds.
Picture is too bright or too dark.	Adjust picture brightness or contrast settings.
Picture is too large or too small.	Adjust the aspect settings.
Picture shakes.and stripes appear	Keep appliances that emit magnetic radiation away from the TV.
Picture does not move	Press the PAUSE button. Check if playback is on Pause through any connected external equipment.
Has picture but no sound	1. Check if the MUTE function is on. 2. Adjust the volume level. 3. Check the connection of the audio input cables. 4. Check all other input connections.
Remote control does not work	1. Check if the AC power connection is switched on. 2. Check that the battery installation is correct. 3. Remove any obstacles between the TV and the remote control. 4. If the batteries are flat, replace them with new ones.
Distorted picture	Video compression may cause distortion especially in scenes with fast action. Weak reception may cause distortion and is not a TV issue – please have the antenna assessed.
USB device not detected	Check the connection to the USB device. Please ensure that the device is compatible and the multimedia data formats are supported (for details, see the Specifications section).
TV turns off by itself	Check the Timer Sleep and Auto Sleep settings in the TIME Menu.
TV turns on by itself at night	The TV may have been set to scan for new firmware at night. Please check the Auto Software Update setting in the OPTION Menu.
Disc cannot be played	Ensure that you are in Blu-ray Mode when loading and playing discs. Check that the discs are loaded correctly. Ensure that the disc type, content and region code (if applicable for BDs and DVDs) is compatible. Ensure that the disc is clean and in good condition.
Cannot access BD Live feature	Ensure that the network connection is set up correctly and working. For connection issues consult your local IT technician. Ensure that there is enough data space in your connected USB storage device if you wish to download content from BD Live. Check that the BD disc supports the BD Live feature.

12. REFERENCE

12.2 Specifications

LCD Panel	Panel Size	42”
Max. Resolution		1920x1080
Input Connector	VIDEO	1
	YPbPr	1
	AUDIO (L/R)	1
	VGA	1
	PC/AUDIO	1
	HDMI	2（The HDMI support 1.3, the HDCP support 1.1)
	RF	1
Output Connector	HEADPHONE	1
	COAX	1
Power Source		100-240V ～ 50/60Hz
Power Consumption		180W
Standby Power Consumption		<1W
Contrast Ratio		1400:1
Brightness		360cd/m²
TV receive system		PAL BG/DK/I SECAM BG/DK L/L'
Frequency range		48.25 - 863.25 MHz
Speaker output power		2×8W
Antenna impedance		75 ohm
Supported file system		DVR Recording: FAT32 USB Multimedia Playback: FAT32 and NTFS Maximum hard disk partition size: 400GB
Recommended USB standard		USB2.0
Supported Multimedia Player formats		See the table on next page
PC Input supported resolution		WUXGA (Maximum supported resolution: 1360X768 @ 60Hz)
Dimensions (With stand) (Without stand)		1019x260x689 mm 1019x49x635 mm
Weight		16.1kg
Wall mounting dimensions		200x200mm
Wall mounting screw size		M5X10
Operating temperature range		0~40℃

- Specifications are subject to change without notice.
  Weight and dimensions are approximate.

12. REFERENCE

Supported File Formats (USB Mode using USB 1)

MOVIE (AVI)	Max bitrate: 6Mbps Max resolution: 720 x 576 pixels
PICTURE	Mono colour, 16-colour, 256-colour, 16-bit, 24-bit, 32-bit. Max resolution: 3000 x 3000 pixels; Min resolution: 100 x 100 pixels
MUSIC	Sample rate: 8K – 48K Bitrate: 32K – 320K

Special Notes:

- The Media Unit can only support USB memory devices such as hard disk drives and flash drives, and will not support multimedia devices such as mobile phones and cameras for recording purposes.
- The unit will only support hard disk drives with additional power supply, a maximum disk partition size of 400GB and a maximum capacity of 1.5TB. For best performance, we highly recommend that a hard disk drive with an external power supply be used for larger capacities.
- The maximum number of files that each folder can use is 5000 files.
- When using external USB, it is suggested that high quality of USB extension cables (supported 480mHz) be used to ensure smooth video file playback.
- The TV unit can only support audio formats of single and binary channels.

Blu-ray Player Specifications and Supported Formats (Disc and USB 2)

Supported Discs	BD-R/RE , DVD, DVD-Video, DVD+R/+RW, DVD-R/-RW,VCD, CD, CD-R/CD-RW	
Supported Region Codes	DVD 4 BD B	
BD Live	2.0	
Network Connection	RJ45 Ethernet port x1	
USB Connection	USB port 2.0 (USB 2) We recommend all USB storage devices above 32GB must have external power supply. USB thumb drive without power max 32GB USB HDD with external power max 1.5TB	
Disc Player Supported Files	Video	MPEG, MPG, DAT(MPEG 1), VOB(MPEG 2), ASF(WMV/VC-1), TS
	Audio	AC3, AAC, MP1, MP2, MP3, WMA PCM, Dolby Digital, DTS
	Picture	JPEG, PNG
USB 2 Port Supported Files	Video	MPEG,MPG,DAT (MPEG 1),VOB (MPEG 2), ASF(WMV/VC-1),TS
	Audio	AC3, AAC, MP1, MP2, MP3, WMA PCM
	Picture	JPEG, PNG

<CT1011>

TEAC CUSTOMER SUPPORT HOTLINE (TCS)

1300 553 315

Between Monday to Friday – EST 9AM to 6PM